

1937-38	1936-37	1935-36	1934-35	1933-34
1,234,567	1,123,456	1,012,345	901,234	890,123
2,345,678	2,234,567	2,123,456	2,012,345	1,901,234
3,456,789	3,345,678	3,234,567	3,123,456	3,012,345
4,567,890	4,456,789	4,345,678	4,234,567	4,123,456
5,678,901	5,567,890	5,456,789	5,345,678	5,234,567
6,789,012	6,678,901	6,567,890	6,456,789	6,345,678
7,890,123	7,789,012	7,678,901	7,567,890	7,456,789
8,901,234	8,890,123	8,789,012	8,678,901	8,567,890
9,012,345	8,901,234	8,890,123	8,789,012	8,678,901
10,123,456	10,012,345	9,901,234	9,890,123	9,789,012

STATE OF SOUTH AUSTRALIA.

Report on the Factories and Works Statistics for the Year
1937-38 and Summary Returns

BY

A. W. BOWDEN, A.I.A. Government Statist, &c.

(BULLETIN No. 12 of 1939.)

STATE OF SOUTH AUSTRALIA.—REPORT BY THE
GOVERNMENT STATIST OF THE FACTORIES AND
WORKS FOR THE YEAR ENDED 30TH JUNE, 1938.

SINCE 1931-32, the year of lowest levels, there has been a steady annual improvement in the Secondary Industries of the State, and the year 1937-38 continued to show such substantial progress that, in general, the past year can be considered one of the best on record.

Establishments and Hands.—1,980 establishments were in operation during the year, an increase of 64. The average number of persons employed for the whole year was 44,084, an increase of 3,374, or 8·29 per cent. The average number of employees, 44,084, is the greatest number ever recorded in factory employment. Included in the hands employed are 1,528 working proprietors.

Salaries and Wages.—The salaries and wages earned for the year totalled £8,412,975, an increase of £894,736, or 11·90 per cent. The salaries and wages for the working proprietors included amounted to £369,815. The average earned per employee was £6 3s. 3d. more than the previous year, the totals being, £190 16s. 10d. (£184 13s. 7d.)

Materials, Etc., Used.—The material used or treated was valued at £21,469,924, an increase of £70,119; in addition, fuel, light, water, and lubricating oils used, £949,858, an increase of £93,050.

The Output for the year was valued at £36,239,937, an increase of £1,711,761, or 4·96 per cent.

The Production Value, that is, the value added to material by the process of manufacture or treatment, was estimated at £13,820,155, an increase of £1,548,592, or 12·62 per cent. The production value for 1937-38 was the highest ever recorded.

Margin.—After accounting for the expenditure items—Salaries and wages, fuel and light, and materials used aggregating £30,832,757, the margin left to meet all miscellaneous expenses and profit was £5,407,180, an increase of £653,856, or 13·76 per cent.

A. W. BOWDEN, Government Statist, Etc.

Statistical Office, Adelaide, 6th May, 1939.

1. ESTABLISHMENTS, HANDS, POWER.

Item.	1935-36.	1936-37.	1937-38.	Increase on 1936-37.
Establishments.....	No. 1,895	No. 1,916	No. 1,980	No. 64
Employees (including Working Proprietors)—				
Males	31,391	33,400	36,274	2,874
Females	7,080	7,310	7,810	500
Total	38,471	40,710	44,084	3,374
Working Proprietors—				
Males	1,382	1,405	1,448	43
Females	79	69	80	11
Total	1,461	1,474	1,528	54
Horsepower—				
Establishments using power ..	1,711	1,731	1,783	52
Rated horsepower of engines (in use or idle)—	H.P.	H.P.	H.P.	H.P.
1. Steam	147,696	146,379	174,262	27,883
2. Electric	80,206	85,706	94,087	8,381
3. Oil	16,980	17,671	20,188	2,517
4. Gas	6,501	6,367	6,267	—100
Total	251,383	256,123	294,804	38,681

2. CHIEF EXPENDITURE ITEMS.

Item.	1935-36.	1936-37.	1937-38.	Increase on 1936-37.
1. Materials—	£	£	£	£
Raw materials	18,256,167	20,212,171	20,162,671	—49,500
Containers, etc.	543,268	612,804	712,959	100,155
Tools replaced, repairs, etc.	462,315	574,830	594,294	19,464
Total	19,261,750	21,399,805	21,469,924	70,119
2. Fuel, light, water, etc.	972,636	856,808	949,858	93,050
Tons.	Tons.	Tons.	Tons.	Tons.
Coal (a)	259,833	282,655	295,831	13,176
Coke (a)	85,666	88,269	87,781	—488
Wood	81,473	88,247	110,619	22,372
£	£	£	£	£
Fuel oils (a)	104,181	98,007	114,049	16,042
Gas	30,267	22,121	24,450	2,329
Electricity	296,419	290,541	320,767	30,226
Lubricating oils (a)	26,172	29,560	32,722	3,162
Water	37,808	43,328	46,475	3,147
3. Salaries and wages (b)—				
Males	6,119,210	6,905,161	7,738,348	833,187
Females	574,941	613,078	674,627	61,549
Total	6,694,151	7,518,239	8,412,975	894,736
Salaries of W.P. included above ..	318,797	345,601	369,815	24,214
4. Margin for overhead expenses and profit	4,975,554	4,753,324	5,407,180	653,856

(a) Including those portions classified as materials used.

(b) Including salaries and wages earned by working proprietors.

3. SALARIES AND WAGES EARNED PER EMPLOYEE DURING YEAR.*

Item.	1935-36.	1936-37.	1937-38.	Increase on 1936-37.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Males	194 18 9	206 14 10	213 6 7	6 11 9
Females	81 4 2	83 17 5	86 7 7	2 10 2
Total	174 0 1	184 13 7	190 16 10	6 3 3

* Salaries and wages of working proprietors included in all averages.

4. VALUE OF FACTORY PREMISES AND PLANT.

	1935-36.	1936-37.	1937-38.	Increase on 1936-37.
	£	£	£	£
Plant and machinery ..	9,280,335	9,130,748	9,402,792	272,044
Land and buildings ...	8,268,807	8,133,147	8,379,334	246,187
Total	17,549,142	17,263,895	17,782,126	518,231

5. VALUE OF OUTPUT AND PRODUCTION.

Item.	1935-36.	1936-37.	1937-38.	Increase on 1936-37.
	£	£	£	£
Output	31,904,091	34,528,176	36,239,937	1,711,761
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Per inhabitant	54 8 6	58 13 10	61 6 11	2 13 1
Value of production (the value added to material by process of treatment).				
	£	£	£	£
Production value	11,669,705	12,271,563	13,820,155	1,548,592
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Per inhabitant	19 18 2	20 17 2	23 7 11	2 10 9
%	%	%	%	%
Proportion represented by salaries and wages	57·36	61·27	60·74	—0·53

6. FACTORIES AND WORKS IN CLASS GROUPS, 1937-38.

Class of Industry.	Estab- lish- ments.	Employees, including W.P. (average for Whole Year.)		Salaries and Wages (Inc. W.P.) Paid.	Cost of Fuel, Light, Lubri- cating Oil, and Water.	Cost of Material Used, Tools Replaced, Repairs, Etc.	Value of Output.	Value of Production (Added Value.)	Value of Land, Buildings, Plant, Machinery.
		M.	F.	£	£	£	£	£	£
I. Treatment of non-metalliferous metals, etc.	46	590	7	132,712	45,359	128,152	392,024	218,513	389,674
II. Bricks, pottery, etc.	43	1,042	38	203,777	68,949	188,057	676,115	419,109	358,000
III. Chemicals, dyes, etc.	49	1,268	249	297,181	47,582	1,343,636	2,050,036	658,818	1,304,555
IV. Industrial metals, machines, vehicles, etc.	509	19,220	963	4,187,415	260,568	8,786,799	14,993,264	5,945,897	4,461,536
V. Precious metals, jewellery, etc.	20	180	12	30,370	1,922	22,405	67,336	43,009	44,763
VI. Textile and textile goods ..	31	729	424	162,805	22,031	978,216	1,228,113	227,866	373,007
VII. Skins and leather	27	245	194	63,352	1,882	119,314	212,403	91,207	80,273
VIII. Clothing	281	1,004	3,623	488,148	14,325	533,498	1,220,202	672,379	642,887
IX. Food, drinks, etc.	533	5,080	1,169	1,174,409	207,052	7,292,297	9,975,875	2,476,526	4,256,384
X. Woodworking, etc.	153	1,792	62	350,198	17,170	996,272	1,526,468	513,026	501,300
XI. Furniture, bedding.	84	1,052	139	201,155	8,939	338,557	625,406	277,910	252,467
XII. Paper, stationery, etc.	112	1,613	657	463,678	18,254	477,131	1,211,242	715,857	1,207,359
XIII. Rubber.	28	133	17	23,652	2,293	37,598	79,662	39,771	75,039
XIV. Musical instruments.	3	12	2	1,675	15	424	2,686	2,247	1,955
XV. Miscellaneous	16	222	106	49,171	1,926	79,551	179,728	98,251	78,689
Total classes I. to XV. .	1,935	34,182	7,662	7,829,698	718,267	21,321,907	34,440,560	12,400,386	14,027,888
XVI. Heat, light, and power.	45	2,092	148	583,277	231,591	148,017	1,799,377	1,419,769	3,754,238
Total 1937-38	1,980	36,274	7,810	8,412,975	949,858	21,469,924	36,239,937	13,820,155	17,782,126
Total 1936-37	1,916	33,400	7,310	7,518,239	856,808	21,399,805	34,528,176	12,271,563	17,263,895
Increase	64	2,874	500	894,736	93,050	70,119	1,711,761	1,548,592	518,231

7. QUANTITIES OF COMMODITIES PRODUCED.

Where the nature of the industry makes it possible, the quantities as well as the values of commodities are collected. The following are the chief items of those collected :—

Description.	Unit.	Quantities Produced.		
		1935-36.	1936-37.	1937-38.
Aerated waters ...	doz.	980,632	1,016,380	1,185,362
Bacon and ham ..	lb.	6,274,041	7,140,112	5,812,506
Bark (ground)	ton	4,103	4,065	3,519
Beer and stout.	gall.	5,182,628	5,668,392	6,447,848
Biscuits	lb.	2,801,339	2,859,078	3,172,341
Boots and shoes ..	pair	541,255	522,253	549,931
Bran	ton	30,290	25,175	27,025
Bricks	No.	39,699,943	41,493,651	48,731,404
Butter	lb.	17,017,490	16,657,761	18,922,496
Cheese	lb.	8,103,243	11,847,355	15,516,879
Electricity	B.U.	200,488,220	223,925,107	240,902,861
Fertilizers (Chemical)	ton	212,645	233,455	242,776
Flour	ton	124,021	119,192	123,878
Gas	1,000 cub. ft.	1,090,249	1,119,278	1,154,878
Ice	ton	30,237	30,467	35,292
Jams and jellies.	lb.	7,281,591	7,568,150	7,346,631
Lard	lb.	212,901	257,645	215,379
Lime	ton	3,484	4,984	5,746
Malt.	bush.	315,557	277,623	294,037
Motor bodies	No.	40,404	40,005	49,079
Pickles	pint	1,309,453	1,353,823	1,442,662
Pollard	ton	21,179	21,788	23,059
Preserved fruits ..	lb.	5,839,002	4,379,963	6,463,156
Sauces	pint	2,175,603	2,238,593	2,324,567
Soap	cwt.	69,936	75,784	74,427

QUANTITIES OF COMMODITIES PRODUCED—continued.

Description.	Unit.	Quantities Produced.		
		1935-36.	1936-37.	1937-38.
Spirits (Distilled) ..	pf. gall.	2,048,599	1,983,909	2,367,744
Sugar (refined) ...	ton	29,791	29,667	31,194
Tiles	No.	808,648	1,033,145	1,559,790
Wine	gall.	13,023,587	15,026,502	15,888,878
Vinegar	gall.	155,149	241,427	271,354

8. QUARTERLY INDEX FIGURES OF MID-MONTHLY EMPLOYMENT IN FACTORIES.

Index Figures (Mean 1929-30 = 100.)

Year.	Quarters.			
	Sept.	Dec.	March.	June.
1929-30	103	103	101	94
1930-31	81	74	71	70
1931-32	67	70	73	75
1932-33	74	79	82	83
1933-34	85	89	93	97
1934-35	98	101	104	112
1935-36	111	114	119	121
1936-37	120	123	129	136
1937-38	134	137	141	137

NOTE.—Factory years 1937-38 (Maximum) = 138; Mean 5 years ended 1928-29 = 122; 1929-30 (Base) = 100; 1930-31 = 74; 1931-32 = 71; 1932-33 = 80; 1933-34 = 91; 1934-35 = 104; 1935-36 = 116; 1936-37 = 127; 1937-38 = 138.

A. W. BOWDEN, Government Statist, Etc.

Statistical Office, Adelaide, 6th May, 1939.